



Patent
Attorney Docket No. 1032404-000079

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Hossein Puga et al.

Application No.: 10/500,325

Filing Date: June 28, 2004

Title: OPTICAL SEMICONDUCTOR DEVICE

Group Art Unit: 2811

Examiner: To Be Assigned

Confirmation No.: 8943

**SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By

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(8/05)

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with MPEP § 609 III A(3), an English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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1 of 1

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Complete if Known

Application Number	10/500,325
Filing Date	June 28, 2004
First Named Inventor	Hiroshi Aruga et al.
Examiner Name	To Be Assigned
Attorney Docket Number	1032404-000079

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	62206570		Japan	09/11/1987						x	
	2002111118		Japan	04/12/2002						x	
	09055630		Japan	02/25/1997						x	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	European Patent Office. Supplementary European Search Report. Application No. EP 03 76 4178. December 15, 2005. (3 pages).
	XP-001222521. NAGAHORI, Takeshi et al. "An Analog Front-End Chip Set Employing an Electro-Optical Mixed Design on SPICE for 5-Gb/s/ch Parallel Optical Interconnection." IEEE Journal of Solid-State Circuits. Volume 36, No. 12. pp 1984-1991. December 2001.
	SAKAI, K. et al. "A Coaxial DFB Laser-Diode Module with a Differential Feed for 10-Gb/s Ethernet Application." Friday Morning. Volume 2. pp 679-680. OFC 2003.

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.